

WHAT IS CLAIMED IS:

1. A marine structure, comprising:
a platform;
a pest deterrent including a hub rotatably connected to said platform, at least one arm
extending radially from said hub, each said arm extending from said hub at an angle above
5 horizontal, each said arm including an area moment of inertia and a length, a ratio of said area
moment of inertia to said length is less than 0.0001 inches³, each said arm including a wind
collector at an end opposite said hub.
2. The marine structure of claim 1, wherein said platform is at least one of a boat lift and
a boat dock.
3. The marine structure of claim 1, wherein said angle is approximately between 2° and
20°.
4. The marine structure of claim 3, wherein said angle is approximately between 7° and
9°.
5. The marine structure of claim 1, wherein each said wind collector is a cup.
6. The marine structure of claim 5, further including an outer periphery on each said cup,
each said outer periphery including a flange extending continuously from said cup.

7. The marine structure of claim 5, wherein each said cup has a diameter which is greater than 3 inches.

8 The marine structure of claim 1, further including a bearing between said hub and said platform.

9. A method of deterring marine pests, comprising the steps of:

connecting a pest deterrent to a marine structure, said pest deterrent including a hub rotatably connected to a platform of said marine structure;

5 extending at least one arm radially from said hub at an angle above horizontal, each said arm including an area moment of inertia and a length, a ratio of said area moment of inertia to said length is less than 0.0001 inches^3 , each said arm including at least one wind collector at an end opposite said hub;

prestressing each said arm with a self weight, a weight of a corresponding said wind collector and said extending step;

10 rotating said hub about said platform; and
oscillating said at least one wind collector.

10. The method of claim 9, wherein said oscillating step includes both a vertical motion and a rotational motion of each said at least one wind collector.

11. The method of claim 10, wherein vertical motion at least partially results from said prestressing step.